

ABSTRACT

A switch circuit includes an input terminal which receives an input signal and an internal circuit which executes a predetermined function. The switch circuit also includes a first switch element which is coupled between the input terminal and the internal circuit and which has a control gate receiving a control signal, a first electrode coupled to the input terminal, and a second electrode. The switch circuit also includes a second switch element which is coupled between the input terminal and the internal circuit and which has a control gate receiving the control signal, a first electrode coupled to the second electrode of the first switch element, and a second electrode coupled to the internal circuit.